

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L27	1	(telescopic\$ near shaft and male and female and groove\$ and spring and projection).clm.	US-PGPUB	OR	OFF	2007/09/27 15:08
L28	1	(telescopic\$ and steering and shaft and male and female and groove\$ and spring and projection).clm.	US-PGPUB	OR	OFF	2007/09/27 15:09
L29	2	(telescopic\$ and shaft and male and female and groov\$ and spring and project\$).clm.	US-PGPUB	OR	OFF	2007/09/27 15:21
L30	2	(telescopic\$ and shaft and male same female and groov\$ and spring and project\$).clm.	US-PGPUB	OR	OFF	2007/09/27 15:19
L31	2	(telescopic\$ and shaft and male same female and groov\$ and spring and project\$ and axial\$).clm.	US-PGPUB	OR	OFF	2007/09/27 15:19
L32	2	(telescopic\$ and project\$ and shaft and male same female and groov\$ and spring).clm.	US-PGPUB	OR	OFF	2007/09/27 15:17
L34	2	(telescopic\$ and male same female and groov\$ and spring and project\$ and axial\$).clm.	US-PGPUB	OR	OFF	2007/09/27 15:19
L36	1	(telescopic\$ and shaft and male and female and groov\$ and spring and project\$ and spherical).clm.	US-PGPUB	OR	OFF	2007/09/27 15:22
S1	0	280/777.ccls. and extensible and shaft and vechicle	USPAT	OR	OFF	2007/01/19 16:02
S2	2	280/777.ccls. and extensible and shaft and vehicle	USPAT	OR	OFF	2007/01/19 16:02
S3	6	("5477750").URPN.	USPAT	OR	OFF	2007/01/19 16:03
S4	7	("5560650").URPN.	USPAT	OR	OFF	2007/01/19 16:21
S5	38	("2381770"   "2560958"   "2706388"   "2712742"   "3136142"   "3408829"   "3554045"   "3621675"   "3663046"   "3729953"   "3757601"   "4020651"   "4269043"   "4308728"   "4357137"   "4406641"   "4898566"   "5348345"   "5560650").PN. OR ("5709605").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:24

## EAST Search History

S6	35	("1891915"   "1921910"   "2729442"   "2948129"   "3482464"   "3808838"   "4020651"   "4045980").PN. OR ("4269043").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:39
S7	0	"2066001261"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:39
S8	0	"20066001261"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:39
S9	1	"20060012161"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:39
S10	489	280/777.ccls.	USPAT	OR	OFF	2007/01/22 08:45
S11	643	280/777.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/22 08:45
S12	8	("3203202"   "3318170"   "4103514"   "5489253"   "6035740").PN. OR ("6510756").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 09:37
S13	7	("2371330"   "2772547"   "3118291"   "3808839").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 09:41
S14	7	("2371330"   "2772547"   "3118291"   "3808839").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 09:42
S15	19	("2371330"   "2772547"   "3118291"   "3808839").PN. OR ("4103514").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 09:42
S16	8	("3203202"   "3808839"   "4103514"   "4254639"   "4764154"   "5611733"   "5624318").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 09:51
S17	14	("3392599"   "3788148"   "3815438"   "4006647"   "4509386"   "5544542").PN. OR ("5984354").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:02
S18	16	("3318170"   "3444753"   "3665777"   "4269043"   "4622022"   "5115691"   "5152627"   "5235734").PN. OR ("5477750").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:30
S19	119	"telescopic shaft" same steering	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:31
S20	22	("4509386").URPN.	USPAT	OR	OFF	2007/01/22 10:44

## EAST Search History

S21	38	("3183684"   "3797276"   "4254639"   "4311027"   "4509386").PN. OR ("4705491").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:22
S22	797	280/775.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:22
S23	177	280/775.ccls. and telescopic	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:23
S24	270	280/775.ccls. and telescop\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:23
S25	32	280/775.ccls. and telescop\$3 with groov\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:30
S26	24	280/777.ccls. and telescop\$3 with groov\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:31
S27	34	74/492.ccls. and telescop\$3 with groov\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:40
S28	933	74/492.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:41
S29	502	74/492.ccls. and "steering shaft"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:42
S30	70	74/492.ccls. and "steering shaft" and telescop\$3 and groov\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:42
S31	13	("3570832"   "3811337"   "3885350"   "3990660"   "4240619"   "5113716"   "5242195"   "5332260").PN. OR ("6035740").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:58
S32	1218	74/493.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:59
S33	141	74/493.ccls. and telescop\$3 and groov\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 12:10
S34	5	"6035740"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 12:08

## EAST Search History

S35	12	"5709605"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 12:13
S40	611	74/492,493.ccls. and telescop\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 12:16
S41	118	74/492,493.ccls. and telescop\$3 same groov\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 12:17
S42	0	4646/140.ccls.	USPAT	OR	OFF	2007/01/22 15:22
S43	78	464/140.ccls.	USPAT	OR	OFF	2007/01/22 15:22
S44	79	464/140.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/22 15:31
S45	400	464/162.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/22 15:31
S46	400	464/162.ccls.	US-PGPUB; USPAT	OR	OFF	2007/01/22 15:31
S47	7	("2992548").URPN.	USPAT	OR	OFF	2007/01/22 16:00
S48	38	("2381770"   "2560958"   "2706388"   "2712742"   "3136142"   "3408829"   "3554045"   "3621675"   "3663046"   "3729953"   "3757601"   "4020651"   "4269043"   "4308728"   "4357137"   "4406641"   "4898566"   "5348345"   "5560650").PN. OR ("5709605"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 16:19
S49	0	"6035740".ccls.	USPAT	OR	OFF	2007/01/23 08:42
S50	5	"6035740"	USPAT	OR	OFF	2007/01/23 08:43
S51	6	"6035740"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/23 08:43
S52	25	("3365914"   "3394612"   "3703105"   "4006647"   "4075872"   "4103514"   "4308728"   "4406641"   "4433875"   "4509386"   "4667530"   "4705491"   "4898566"   "5413417"   "5460574"   "5709605"   "5732600"   "5813794"   "6035740"   "6099036"   "6200225"   "6434993"   "RE36405").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 08:43

## EAST Search History

S53	38	("3183684"   "3797276"   "4254639"   "4311027"   "4509386").PN. OR ("4705491").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:12
S54	16	"3797276"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:12
S55	6	("1609851"   "2983118"   "3012421").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:17
S56	798	280/775.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:17
S57	5	280/775.ccls. and "needle rollers"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:26
S58	34	280/775.ccls. and balls	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:30
S59	67	74/493.ccls. and balls	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:39
S60	3	74/493.ccls. and "needle rollers"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:41
S61	0	464/140.ccls. and "needle rollers"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:41
S62	0	464/162.ccls. and "needle rollers"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:41
S63	27	464/162.ccls. and balls	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:44
S64	0	464/162.ccls. and "needle rollers"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:44
S65	578	464/162.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:44
S66	10	("2560958"   "3757601"   "4103514"   "4667530"   "5647683"   "5709605"   "6368225"   "6557433").PN. OR ("6620050").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 09:48
S67	7	("2992548").URPN.	USPAT	OR	OFF	2007/01/23 09:59

## EAST Search History

S68	13	("1508653"   "2800004"   "2992548"   "3001387"   "3663046"   "3797276"   "4156354").PN. OR ("4311027").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 10:10
S69	798	280/775.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 10:10
S71	305	280/775.ccls. and telescop\$	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 10:29
S72	9	("3570832"   "3811337"   "3885350"   "3990660"   "4240619"   "5113716"   "5242195"   "5332260").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 10:17
S73	13	("3570832"   "3811337"   "3885350"   "3990660"   "4240619"   "5113716"   "5242195"   "5332260").PN. OR ("6035740").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 10:18
S74	35	280/775.ccls. and (male and female)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 10:29
S75	41	(telescop\$ or Slid\$.clm. and (transmt\$ or transfer\$.clm. and (male or shank).clm. and (female or sleeve).clm. and (peripher\$ or perimeter).clm.	US-PGPUB	OR	OFF	2007/01/25 10:09
S76	15	(telescop\$ or Slid\$.clm. and (transmt\$ or transfer\$.clm. and (male or shank).clm. and (female or sleeve).clm. and (peripher\$ or perimeter).clm. and (project\$ or protrud\$.clm.	US-PGPUB	OR	OFF	2007/01/25 10:13
S77	21	(telescop\$ or Slid\$.clm. and (transmt\$ or transfer\$.clm. and (male or shank).clm. and (female or sleeve).clm. and (peripher\$ or perimeter).clm. and (groov\$.clm.	US-PGPUB	OR	OFF	2007/01/25 10:13
S78	6	"6557433"	USPAT	OR	OFF	2007/01/26 13:57
S79	165	464/167.ccls.	USPAT	OR	OFF	2007/01/26 13:57
S80	190	464/167.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 14:42

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S81	83	464/168.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 14:42
S82	83	464/168.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/26 15:27
S83	0	("20060012161").PN.	USPAT; USOCR	OR	OFF	2007/01/26 15:27
S84	1	("20060012161").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/26 16:29
S85	1	("6343993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/26 17:49
S86	0	("("5788176" "5881962" "6047914" "6065706" "6105893").PN.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/26 17:49
S87	5	("5788176" "5881962" "6047914" "6065706" "6105893").PN.	USPAT	OR	OFF	2007/01/26 17:49
S88	2	("6343993" "6557433").PN.	USPAT	OR	OFF	2007/01/29 16:51
S89	4	("6343993" "6557433").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/29 16:51
S90	11	"6343993"	USPAT	OR	OFF	2007/02/02 10:53
S91	6	"6557433"	USPAT	OR	OFF	2007/02/02 10:53
S92	4	("4357137" "6035740" "6343993" "6557433").PN.	USPAT	OR	OFF	2007/09/25 17:24
S93	16	("20010006564"   "3318170"   "4482338"   "4898566"   "6038941").PN. OR ("6343993").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 17:29
S94	6	"6557433"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 18:15
S95	11	("2560958"   "3757601"   "4103514"   "4667530"   "5647683"   "5709605"   "6368225"   "6557433").PN. OR ("6620050").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 17:52



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S10 2	1	"20060012161"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 18:49
S10 3	12	"6343993"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/25 18:49
S10 4	6	"6557433"	USPAT	OR	OFF	2007/09/26 08:51
S10 5	572	280/775.ccls.	USPAT	OR	OFF	2007/09/26 08:51
S10 6	831	280/775.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 09:22
S10 7	236	S106 and telescopic\$	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 09:18
S10 8	39	S106 and (male same female)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 09:19
S10 9	115	464/140.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 09:37
S11 0	585	464/162.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:05
S11 1	118	S110 and telescopic\$	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:05
S11 2	255	464/167.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:20
S11 3	48	S112 and telescopic\$	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:38
S11 4	10	("3600970"   "3604285"   "3788148"   "3815438"   "4509386"   "5797696"   "5984354").PN. OR ("6293872"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:08
S11 5	11	S112 and (male near female)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:20
S11 6	117	464/168.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:38



## EAST Search History

S11 7	1261	74/493.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:38
S11 8	319	S117 and telescopic\$	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:48
S11 9	33	S118 and (male same female)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 10:39
S12 0	4	"2362688"	EPO; JPO; DERWENT	OR	OFF	2007/09/26 11:59
S12 1	1	"6364778"	EPO; JPO; DERWENT	OR	OFF	2007/09/26 11:59
S12 2	1	"6364778"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 11:59
S12 3	18	("3136142"   "3304745"   "3356424"   "3360308"   "3552806"   "3800558"   "3995916"   "4133190"   "4384861"   "4774851"   "5520416"   "5737971"   "5911789").PN. OR ("6364778"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/26 12:01